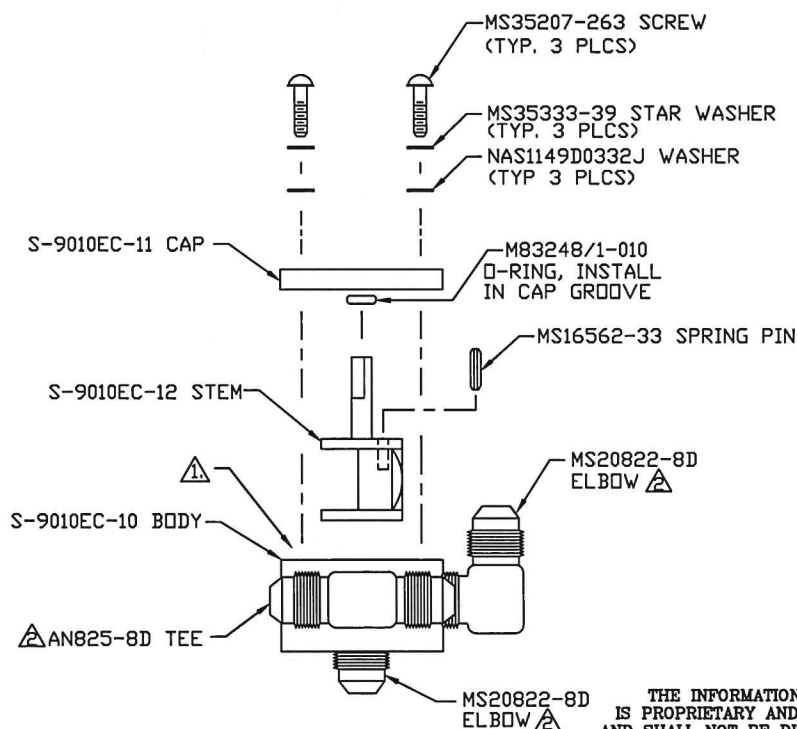
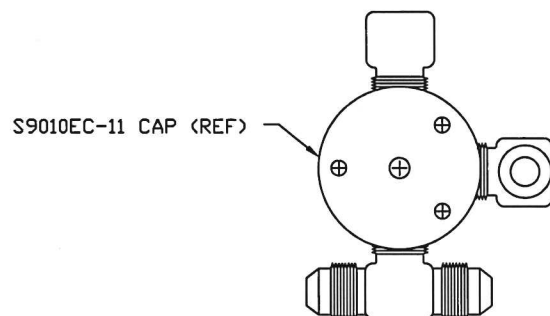


NOTE: APPLY ANTI-SEIZE COMPOUND (GO-JO LOK OR EQUIV.) TO ALL TUBE FITTING THREADS BEFORE INSTALLATION.

⚠ WHEN JOINING CAP TO BODY SEAL MATING SURFACES USING DOW CORNING 736 RTV HEAT RESISTANT SEALANT OR EQUIV.

⚠ PIPE THREADS ON FITTING CAN BE TRIMMED 0.125" TO PROVIDE CLEARANCE TO VALVE STEM ON ASSEMBLY.



BREAK ALL SHARP EDGES

SHEET	REV	ECO	DATE	DESCRIPTION	BY	APR	CHK
1-4	A		02/09/94	DIM 0.500 WAS +0.005/-0.000. ADDED DIM R0.750, DIM Ø0.193 WAS Ø0.188.	REB	REB	REB
1-5	B		05/31/96	ADDED -13 STEM/-264 SCREWS -2 ASSY/SHT5, MS16562-33 ROLL PIN WAS COMMERCIAL.	REB	REB	REB
1,2	C		06/27/97	REVISED BOM TO CURRENT CONFIG. (3) MS20822-8D WAS 1	REB	REB	REB
1-6	D		12/07/99	ADDED -3 ASSY. AND SHT. 7, AND -14/-15.	MR	MR	LS
1-7	E		06/28/04	ADDED NOTE 2; -13/-15 WERE 6061-T6. REMOVED DOWEL PIN, -2 ASSY. 0.085DP CTR. HOLE -15 WAS THRU. ADDED 1/8D HOLE -13. ADDED -5.	REB	REB	LS
1,4		1	12/03/07	-11: SLOT DEPTH DIM WAS FROM OPP SIDE.	REB	REB	LS
1,2	F		08/14/14	ADDED SHEET 8 AND -6 ASSEMBLY; SHT: -2 S-9010EC-11 CAP WAS S-9010-11 CAP;	JT	JT	LS
9	G		05/19/15	ADDED SHEET 9 AND -7 ASSEMBLY.	JT	JT	LS
1-9	H		10/10/17	BOM CHANGED TO MAKE O-RINGS M83248/1-010 PRIMARY AND MS9388-010 ALT; ON -1, -2, -3, -5, -6 AND -7 ASSEMBLIES	JT	JT	LS
3-7	J		11/15/21	ADDITIONAL MATERIAL SPECS ADDED TO -10 THRU -15.	DT	DT	ZA
1,3,4-7	K		02/01/22	MODIFIED TOLERANCES ON -15 AND -13. ADDED CHAMFER TO -14 AND -12. AN825-8D NOW HAS AN ALT P/N. REMOVED RADIUS R0.05 DIM FROM -12, -13, AND -14 STEMS.	DT	DT	ZA

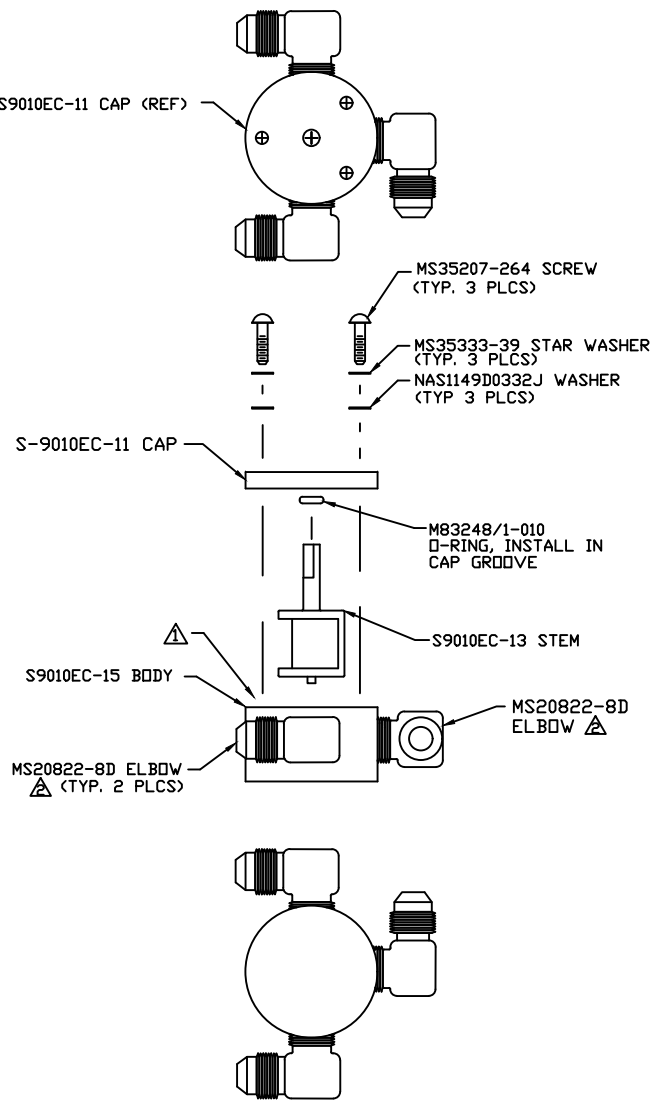
## -1 ASSEMBLY

1						AN816-8D	NIPPLE
		1		1		S-9010EC-15	BODY
			1			S-9010EC-14	STEM
				1		S-9010EC-13	STEM
1	1				1	S-9010EC-12	STEM
1	1	1	1	1	1	S-9010EC-11	CAP
1	1				1	S-9010EC-10	BODY
3	3	3	3	3	3	NAS1149D0332J	WASHER
1	1	1	1	1	1	M83248/1-010	O-RING (ALT: MS9388-010)
3	3	3	3	3	3	MS35333-39	STAR WASHER
			3	3	3	MS35207-264	SCREW
3	3				3	MS35207-263	SCREW
2	3	3	3	3	2	MS20822-8D	ELBOW
1	1	1	1	1	1	MS16562-33	SPRING PIN
					1	AN825-8D	TEE (ALT: MS20825-8D)
-7	-6	-5	-3	-2	-1	ASSY	ASSY
QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	PART NUMBER	DESCRIPTION
Paravion® Inc. Technology							TITLE
DIMENSIONS IN INCHES							CONTROL VALVE ASSEMBLY
TOLERANCES EXCEPT WHERE NOTED:							DRAWING NO. S-9010EC
.X = ± .1							DRAWN BY
.XX = ± .05							APRVD. BY
.XXX = ± .010							CHK'D BY
ANGLES = ± 1°							DATE
THREADS:							REV
INTERNAL=CLASS 2B							ECO
EXTERNAL=CLASS 2A							
© 2022 PARAVION TECH, INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.							DO NOT SCALE DRAWING
							SHEET
							1 OF 9

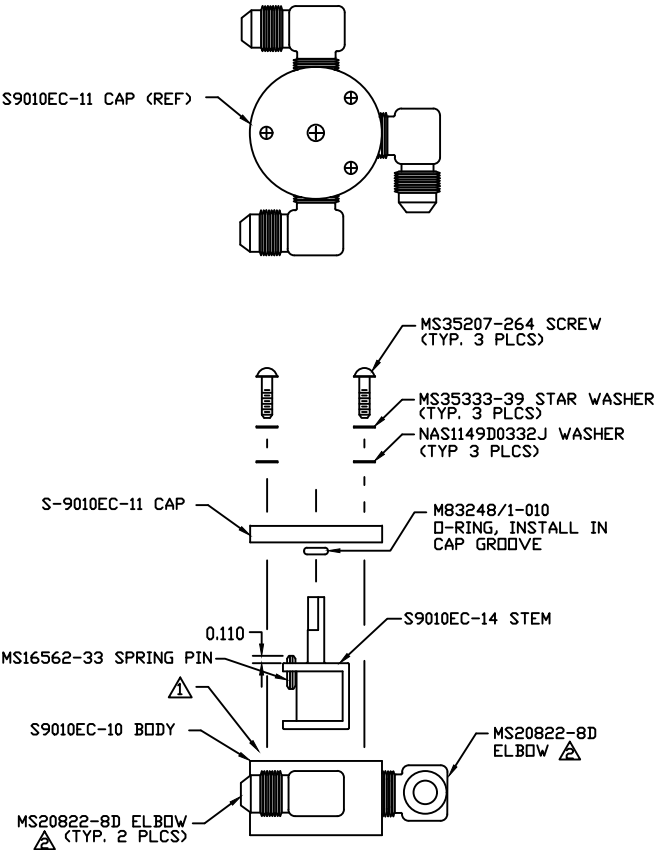
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PROTO

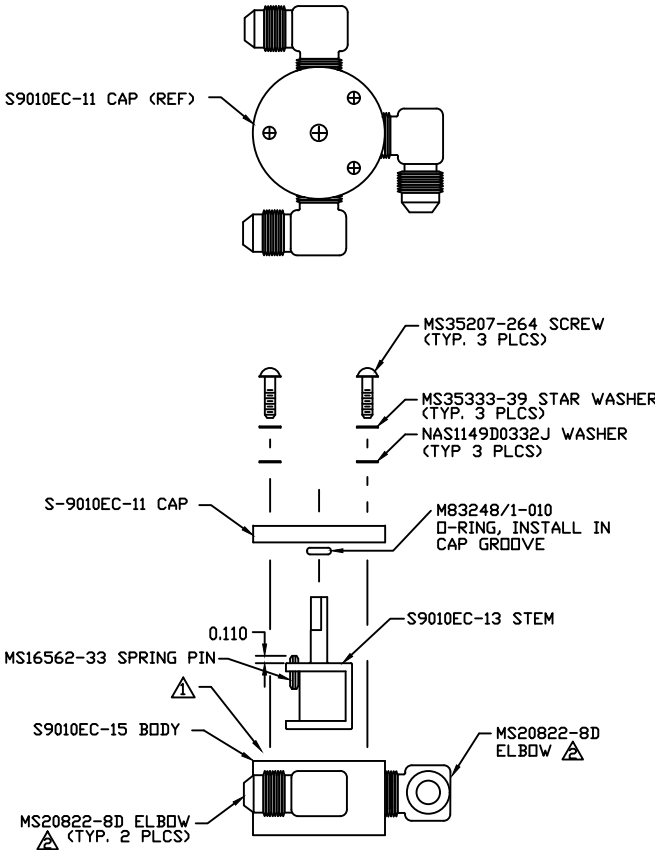
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-2 ASSEMBLY



-3 ASSEMBLY



-5 ASSEMBLY

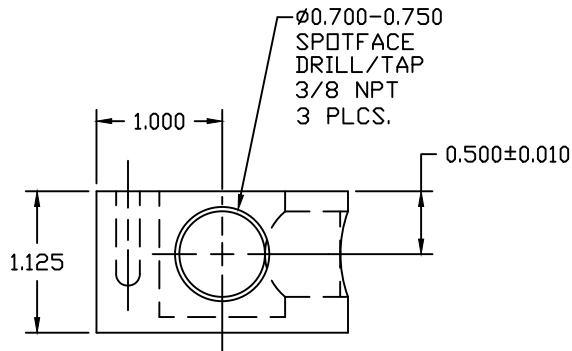
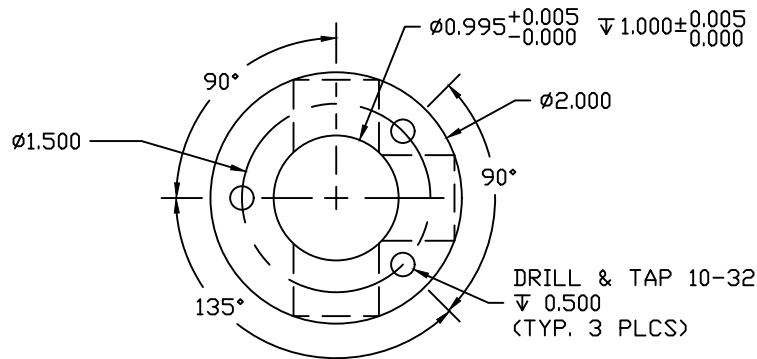
BREAK ALL SHARP EDGES

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Paravion® Inc. Technology		TITLE CONTROL VALVE ASSEMBLY				DRAWING NO. S-9010EC	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:		DRAWN BY TMN	APRVD. BY REB	CHK'D BY REB	DATE 05/07/92	REV K	ECO
.X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DO NOT SCALE DRAWING				SHEET 2 OF 9	
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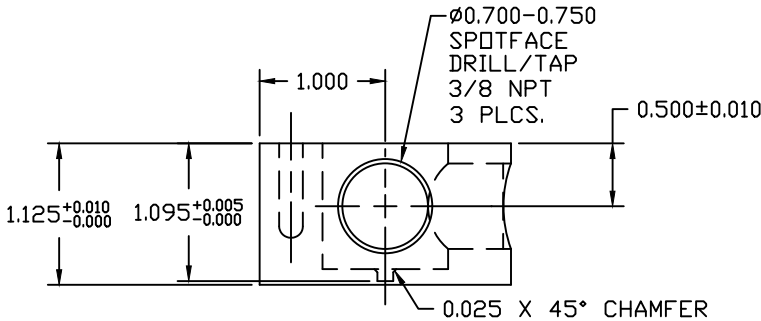
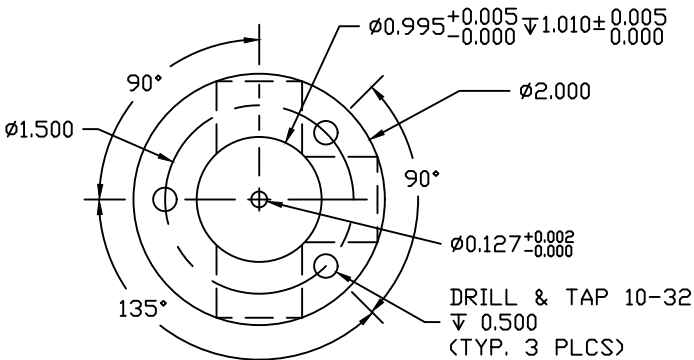
MATERIAL: 6061 T6 ALUMINUM PER AMS-QQ-A-250/11,  
AMS-QQ-A-225/8, AMS-QQ-A-200/8, AMS 4025, AMS 4027,  
AMS 4117, AMS 4150, OR AMS 4173.  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 COLOR OPTIONAL.  
SURFACE FINISH  $\sqrt{125}$



-10 BODY

BREAK SHARP EDGES.

MATERIAL: 316 (ALT: 304L) STAINLESS STEEL PER MIL-S-7720,  
MIL-S-5059, AMS A276, OR AMS A479  
FINISH: PASSIVATE PER QQ-P-35, TYPE II  
SURFACE FINISH  $\sqrt{125}$



-15 BODY

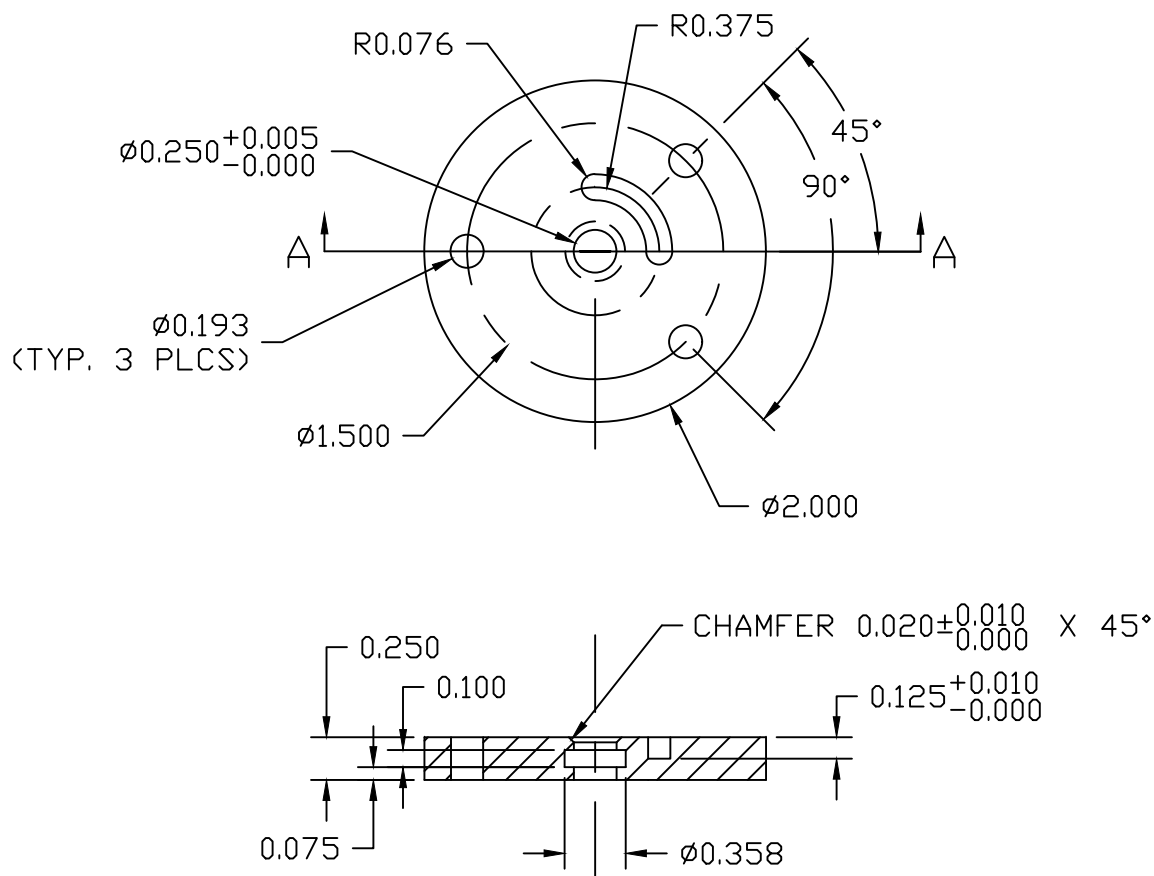
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DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		TMN	REB	REB	05/07/92	K	
.X = ± .1							
.XX = ± .05							
.XXX = ± .010							
ANGLES = ± 1°		DO NOT SCALE DRAWING				SHEET	
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MATERIAL: 6061 T6 ALUMINUM PER AMS-QQ-A-250/11, AMS-QQ-A-225/8, AMS-QQ-A-200/8, AMS 4025, AMS 4027, AMS 4117, AMS 4150, OR AMS 4173.  
 FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 COLOR OPTIONAL.  
 SURFACE FINISH  $\sqrt{125}$



SECTION A-A

-11 CAP

BREAK SHARP EDGES

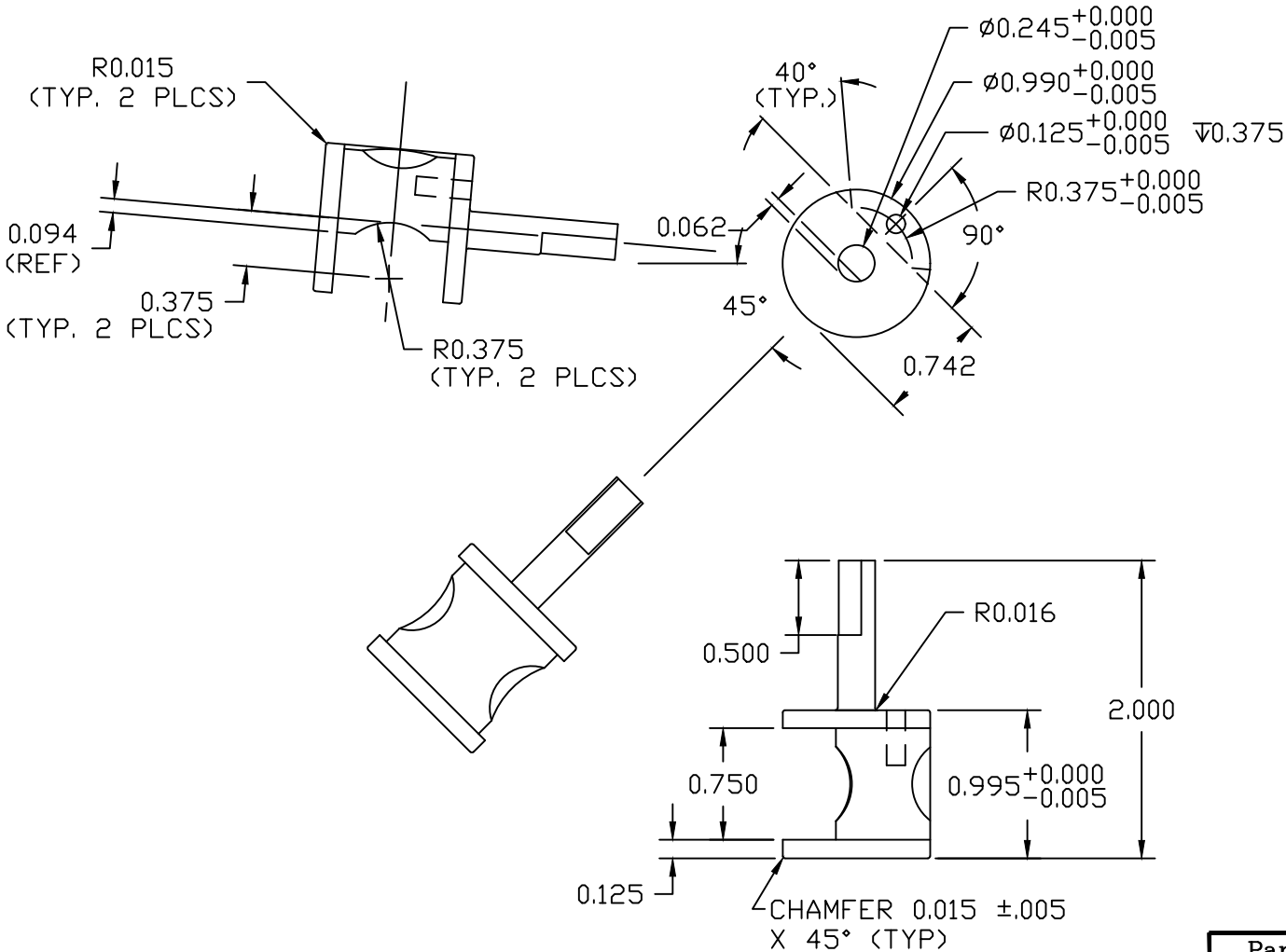
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PROTO

N/C

Paravion® Technology Inc.		TITLE CONTROL VALVE ASSY.		DRAWING NO. S-9010EC	
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE
TOLERANCES EXCEPT WHERE NOTED:		TMN	MR	LS	05/07/92
.X = ± .1 .XX = ± .05 .XXX = ± .010		DO NOT SCALE DRAWING			REV K
ANGLES = ± 1°		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.			ECO SHEET 4 OF 9

MATERIAL: 6061 T6 ALUMINUM PER AMS-QQ-A-250/11, AMS-QQ-A-225/8, AMS-QQ-A-200/8, AMS 4025, AMS 4027, AMS 4117, AMS 4150, OR AMS 4173.  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 COLOR OPTIONAL.  
SURFACE FINISH  $\sqrt{125}$



-12 STEM

BREAK ALL SHARP EDGES

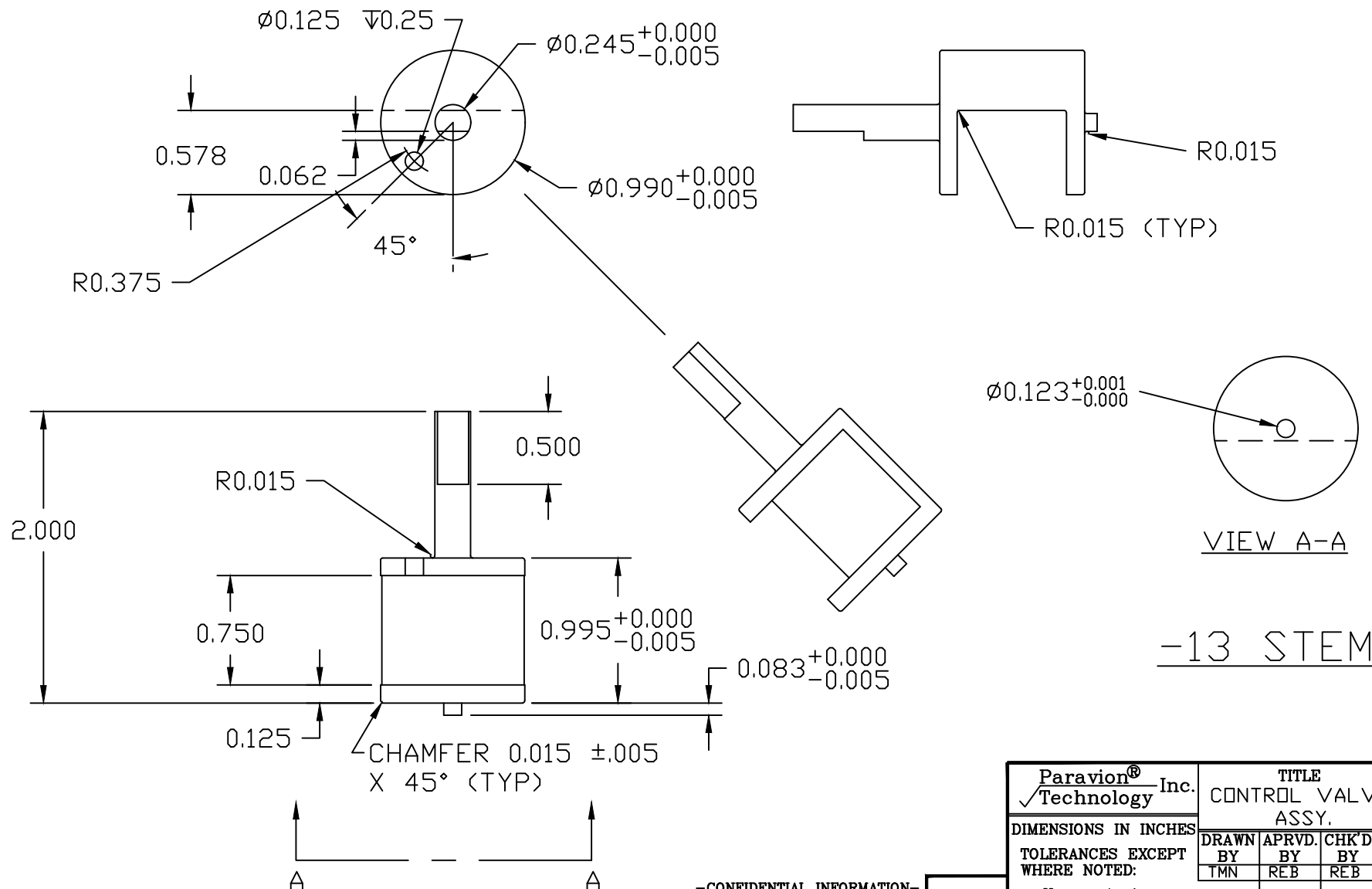
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PROTO  
N/C

Paravion® ✓Technology Inc.		TITLE CONTROL VALVE ASSEMBLY			DRAWING NO. S-9010EC		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		TMN	REB	REB	05/07/92	K	
.X = ± .1							
.XX = ± .05							
.XXX = ± .010							
ANGLES = ± 1°		DO NOT SCALE DRAWING				SHEET	
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.X = ± .1  
.XX = ± .05  
.XXX = ± .010  
ANGLES = ± 1°

MATERIAL: 316 (ALT: 304L) STAINLESS STEEL PER MIL-S-7720, MIL-S-5059, ASTM A276 OR ASTM A479  
 FINISH: PASSIVATE PER QQ-P-35, TYPE II  
 SURFACE FINISH  $\sqrt{125}$



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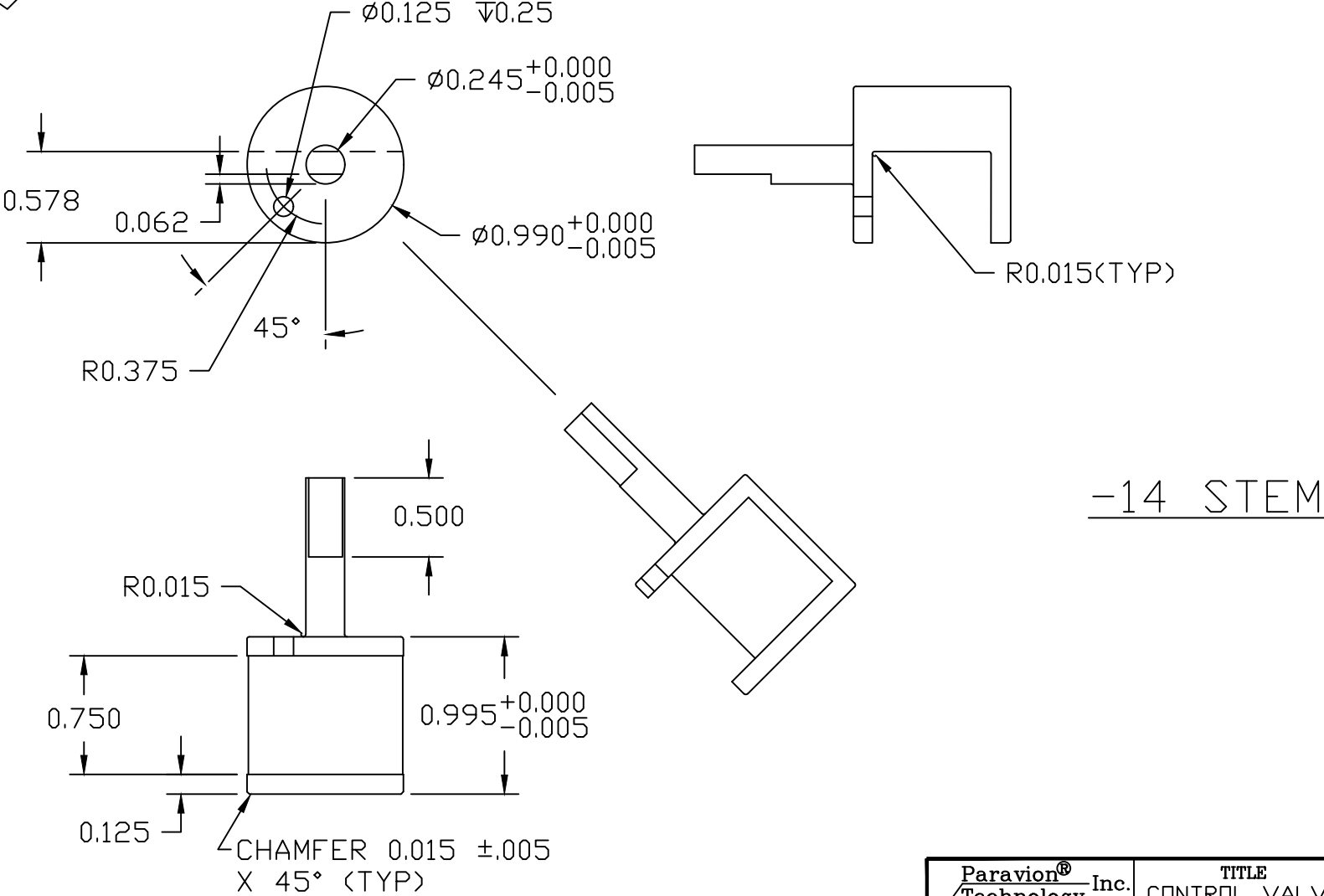
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Paravion® Inc. ✓ Technology		TITLE CONTROL VALVE ASSY.		DRAWING NO. S-9010EC	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:		DRAWN BY	APRVD. BY	CHK'D BY	DATE
		TMN	REB	REB	05/07/92
		DO NOT SCALE DRAWING			REV K
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MATERIAL: 6061 T6 ALUMINUM PER AMS-QQ-A-250/11, AMS-QQ-A-225/8, AMS-QQ-A-200/8, AMS 4025, AMS 4027, AMS 4117, AMS 4150, OR AMS 4173.  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 COLOR OPTIONAL.  
SURFACE FINISH  $\sqrt{125}$



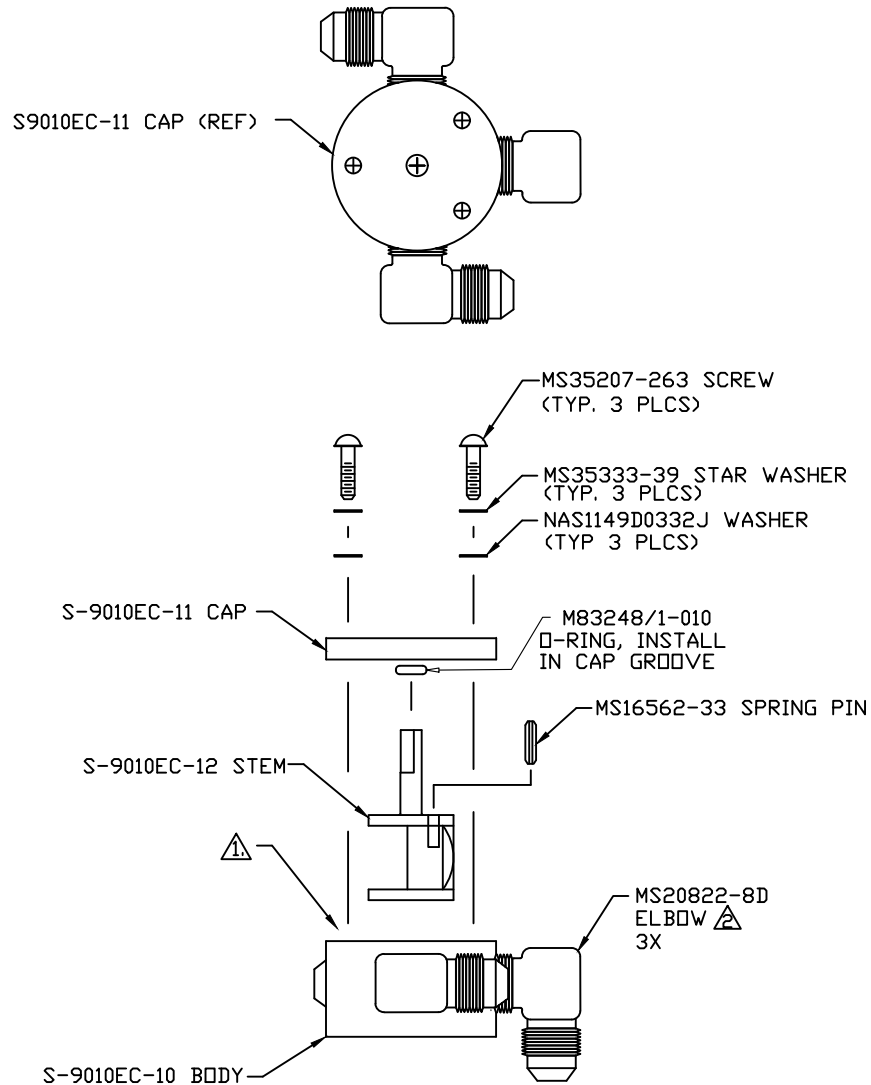
-14 STEM

BREAK ALL SHARP EDGES

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Paravion® Inc. ✓Technology		TITLE CONTROL VALVE ASSEMBLY			DRAWING NO. S-9010EC	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:		DRAWN BY KRG	APRVD. BY MR	CHK'D BY LS	DATE 12/07/99	REV K
.X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DO NOT SCALE DRAWING			SHEET 7 OF 9	
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-6 ASSEMBLY

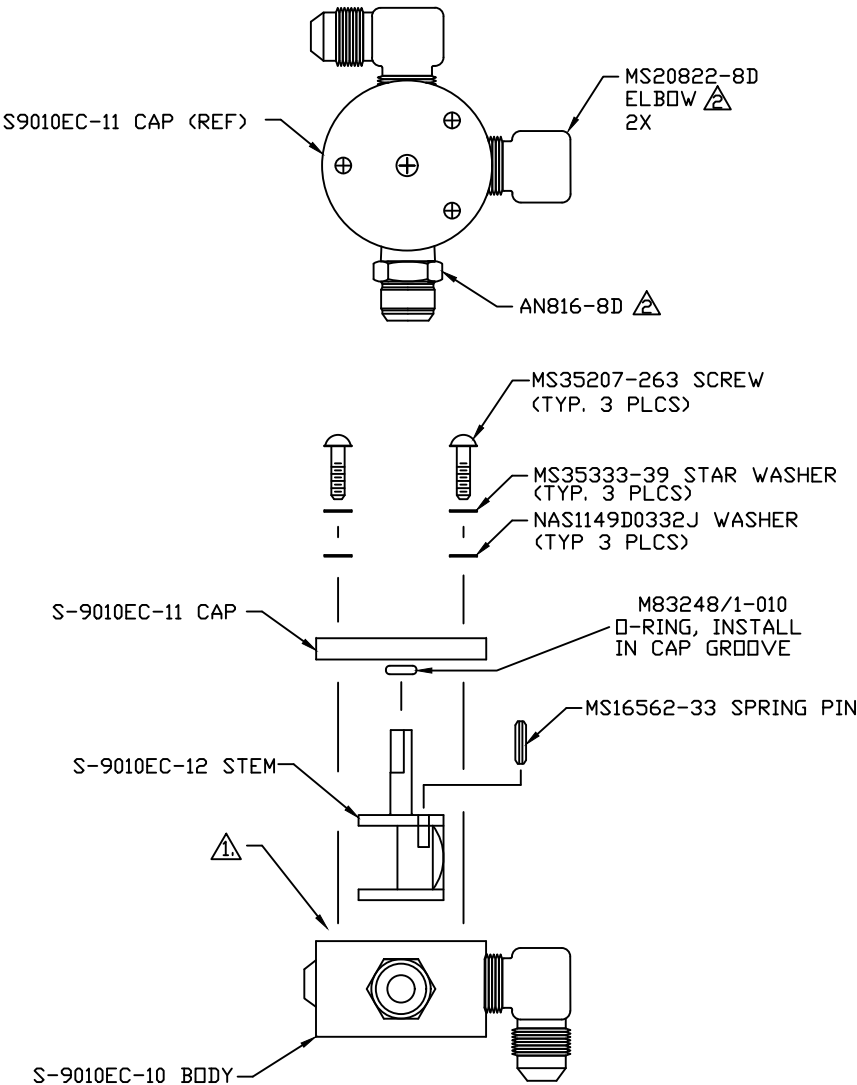
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## PROTO

N/C

<b>Paravion®</b>	<b>TITLE</b>			<b>DRAWING NO.</b>	
✓ <b>Technology Inc.</b>	<b>CONTROL VALVE ASSEMBLY</b>			<b>S-9010EC</b>	
<b>DIMENSIONS IN INCHES</b>	<b>DRAWN BY</b>	<b>APRVD. BY</b>	<b>CHK'D BY</b>	<b>DATE</b>	<b>REV</b>
<b>TOLERANCES EXCEPT WHERE NOTED:</b>	ZT	JT	LS	08/14/14	K
.X = ± .1					
.XX = ± .05					
.XXX = ± .010					
ANGLES = ± 1°					
<b>THREADS:</b>	<b>DO NOT SCALE DRAWING</b>			<b>SHEET</b>	
<b>INTERNAL=CLASS 2B</b>	© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.			<b>8 OF 9</b>	
<b>EXTERNAL=CLASS 2A</b>					





-7 ASSEMBLY

Paravion® Inc. Technology		TITLE CONTROL VALVE ASSEMBLY			DRAWING NO. S-9010EC	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1° THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A		DRAWN BY JT	APRVD BY JT	CHK'D BY LS	DATE 05/19/15	REV K
		DO NOT SCALE DRAWING				SHEET 9 OF 9
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